

On page 141, at the untitled table, please make the following changes:

delete "μg p461:162-191 DNA" and insert therefor

-- μg p461:162-191 DNA;<sup>1</sup> --

and add footnote 1 as follows:

C2 -- <sup>1</sup> See Section 13-6, page 132 for a description of the plasmid construction. --.

IN THE CLAIMS

Please amend Claim 15 as follows:

15. (Twice amended) A method of [killing] <sup>providing insecticidal</sup> ~~controlling~~ insects harmful to plants comprising:

- C3
- (a) transforming a plant cell capable of regeneration to contain a *Bacillus thuringiensis* crystal protein insecticide structural gene and a plant expressible promoter whereby the gene is expressible in the plant cell under control of the promoter;
  - (b) regenerating said plant cell to form plant tissue expressing said gene in insecticidal amounts; and
  - (c) allowing insects to feed on said insecticidal plant tissue whereby they are [killed] <sup>provided</sup> ~~controlled~~.

Please add new Claims 26-46 as follows:

C4  
26. A transformed plant cell comprising a gene encoding a *Bacillus thuringiensis* crystal protein or protein fragment, which gene is under the control of a promoter functional in such plant cell, to which plant cell insect resistance is conferred by the expression of the gene encoding the crystal protein or protein fragment in an amount which is toxic to an insect.

27. A transformed dicotyledonous plant cell comprising a gene encoding a *Bacillus thuringiensis* crystal protein or protein fragment, which gene is under the control of a promoter functional in such plant cell, to which plant cell insect resistance is conferred by the expression of the gene encoding the crystal protein or protein fragment in an amount which is toxic to an insect.

28. A transformed monocotyledonous plant cell comprising a gene encoding a *Bacillus thuringiensis* crystal protein or protein fragment, which gene is under the control of a promoter functional in such plant cell, to which plant cell insect resistance is conferred by the expression of the gene encoding the crystal protein or protein fragment in an amount which is toxic to an insect.

29. A transformed plant cell comprising a gene encoding a *Bacillus thuringiensis* var. *kurstaki* crystal protein or protein fragment, which gene is under the control of a promoter functional in such plant cell, to which plant cell insect resistance is conferred by the expression of the gene encoding the crystal protein or protein fragment in an amount which is toxic to an insect.

30. A transformed dicotyledonous plant cell comprising a gene encoding a *Bacillus thuringiensis* var. *kurstaki* crystal protein or protein fragment, which gene is under the control of a promoter functional in such plant cell, to which plant cell insect resistance is conferred by the expression of the gene encoding the crystal protein or protein fragment in an amount which is toxic to an insect.

31. A transformed dicotyledonous plant cell comprising a gene encoding a *Bacillus thuringiensis* var. *kurstaki* HD-1 crystal protein or protein fragment, which gene is under the control of a promoter functional in such plant cell, to which plant cell

insect resistance is conferred by the expression of the gene encoding the crystal protein or protein fragment in an amount which is toxic to an insect.

32. A transformed dicotyledonous plant cell comprising a gene encoding a *Bacillus thuringiensis* var. *kurstaki* HD-73 crystal protein or protein fragment, which gene is under the control of a promoter functional in such plant cell, to which plant cell insect resistance is conferred by the expression of the gene encoding the crystal protein or protein fragment in an amount which is toxic to an insect.

33. The plant cell of claim 27 or 29 which is a tobacco plant cell.

13/34. The plant cell of claim <sup>8</sup>27 or <sup>9</sup>29 which is a tomato plant cell.

35. The plant cell of claim 27 or 29 which is a cotton plant cell.

36. The plant cell of claim 27 or 29 which is a potato plant cell.

37. The plant cell of claim 16, 27 or 29 which is a carrot plant cell.

38. The plant cell of claim 16, 27 or 29 which is a sunflower plant cell.

39. The plant cell of claim 16 or 28 which is a maize plant cell.

sub 56  
40. The plant cell of claim 16, 26, 27, 28, 29 or 30 in which the gene is a full-length *Bacillus thuringiensis* crystal protein gene.

41. The plant cell of claim 16, 26, 27, 28, 29 or 30 in which the gene is a truncated *Bacillus thuringiensis* crystal protein gene.

15/42. Insect-resistant plant tissue comprising the plant cell of claim <sup>2</sup>16, <sup>7</sup>26, <sup>8</sup>27, <sup>9</sup>28, <sup>10</sup>29 or 30.